

Claims

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1. Method for interlocking a breaker for a single-pole or multiple-pole mechanical switching device that includes a link system for coupling of the poles, characterised in that the actuator of the breaker is interlocked both electrically and mechanically, whereby the electrical and mechanical interlocking is indicated both electrically and mechanically by means of respective indicators.
2. Method according to claim 1, characterised in that the electrical and mechanical interlocking of the actuator of the breaker is achieved by means of a hand-operated key- and lock device.
3. Method according to claim 2, characterised in that the operation of the key- and lock device releases an electromagnetic blocking unit that interlocks a locking package on the actuator of the breaker.
4. Method according to claim 2, characterised in that the electrical and mechanical interlocking of the actuator of the breaker is carried out with the breaker in the open position, whereby the distance between the contacts comprises the conductor spacing for the disconnecting.
5. Method according to claim 2, characterised in that the electrical and mechanical interlocking of the actuator of the breaker is carried out with the breaker in the closed position, whereby the hand-operated key- and lock device achieves an automatic change of the breaker from the closed to the open position, whereby the distance between the contacts constitutes the conductor spacing for the isolation function.
6. Method according to either of claim 4 or 5, characterised in that the key device is freed from the lock device following the interlocking of the actuator of the breaker and is used in a second lock device for mechanical interlocking of the link system with the aid of a blocking device, which interlocking is locked by a second key device with a third lock device.
7. Method according to claim 6, characterised in that the interlocking of the link system is indicated by at least one indicator.
8. Method according to claim 6, characterised in that the second key device is used with a fourth lock device for mechanical unlocking of the actuator for an earth knife or equivalent earth device, which fourth lock device, after connection of the earth knife to the breaker, is locked with the second key device and the fourth lock device.

9. Method according to claim 2, characterised in that the electrical and mechanical interlocking of the actuator of the breaker is carried out with the breaker in the closed position, whereby the key device is blocked into the lock device following the interlocking of the actuator of the breaker.
- 5 10. Method according to claim 1, characterised in that the electrical and mechanical interlocking of the actuator of the breaker is achieved by means of a remotely controlled interlocking device.
11. Method according to claim 10, characterised in that the remotely controlled interlocking of the actuator of the breaker is indicated by electrical and
- 10 mechanical indicators on the actuator and by indicators on the remote-control unit.
12. Method according to claim 10, characterised in that the electrical and mechanical interlocking of the actuator of the breaker is carried out with the breaker in the open position, whereby the distance between the contacts comprises the conductor spacing for the disconnecting function.
- 15 13. Method according to claim 12, characterised in that the interlocking device includes mechanical movement of a blocking device for an earth knife, after which movement of the earth knife involves interlocking of the link system.
14. Method according to claim 13, characterised in that the interlocking of the link system is indicated by at least one indicator.
- 20 15. Device for interlocking of a breaker for a single-poled or multiple-poled mechanical switching device that includes link systems for connection of the poles, including blocking units for interlocking of the actuator of the breaker
- characterised in that it includes an electromagnet that on release interlocks a locking package in the actuator of the breaker both electrically and mechanically, whereby
- 25 the electrical and mechanical interlocking is indicated both electrically and mechanically by means of the relevant indicators.
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